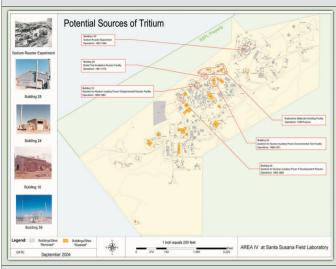
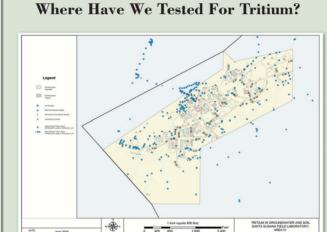
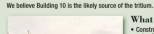
Tritium Investigation Continues





What Is the Likely Source of Tritium?

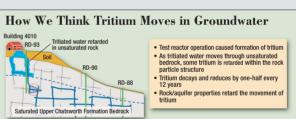


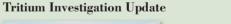
What Happened at Building 10?

- Constructed in 1959. Featured three subsurface vaults extending at least 14 feet below grade
- . A prototype space nuclear reactor was tested in one of the
- vaults until 1960 and again from 1963 to 1965
- A nuclear reactor produces energetic particles called neutrons Tritium is a hydrogen atom with two extra neutrons
- Tritium was found in the concrete vault
- · Found highest concentrations to date in the bedrock samples
- Building 10 was decontaminated and demolished in 1978

What We Have Sampled: Water from soil samples Water from rock samples Water from ground water wells









Next Steps . . .

- · Continue monitoring groundwater wells
- · Analyze additional rock core samples
- . Install new groundwater wells to further define vertical and horizontal extent of tritium in groundwater